



Mighty-BOND™ THREADLESS SPLIT GROUNDING/BONDING BUSHING

Application

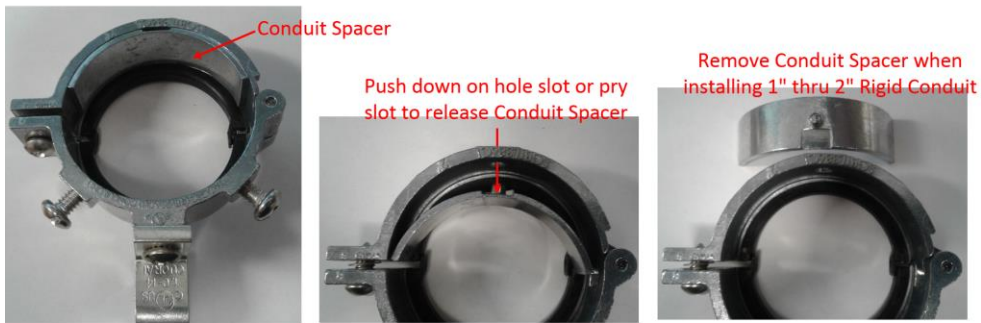
The Patented, Mighty-Bond™ Threadless Split Grounding/Bonding Bushing is UL Listed for use with EMT or Threadless Rigid or Intermediate Metal Conduit per UL514B and UL467. Its unique, compact, labor-saving design allows an installer to install a code-compliant grounding/bonding bushing before or *AFTER* conductors have already been pulled through the raceway.

NOTE: Mighty-Bond™ Threadless Split Grounding/Bonding Bushing will not replace a locknut and is not intended for use inside enclosures. The Threadless Split Grounding/Bonding Bushing cannot be used on threaded fittings or conduit threads.

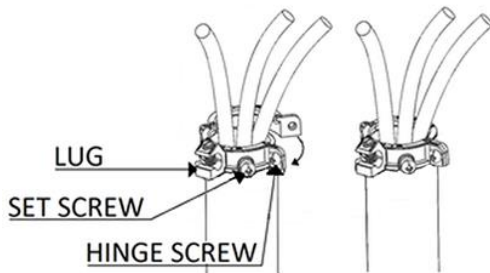
The National Electrical Code (NEC) Articles 250.64 & 250.92 require the use of a grounding bushing. In addition, NEC Articles 344.46 & 300.4(G) require a bushing with conductors 4AWG or larger.

Installation

1. Prepare conduit by squarely cutting the conduit to the desired length and deburring conduit end. Open and place the Mighty-Bond™ Threadless Split Bushing around the conductors and onto the conduit end.
2. For Trade Sizes 1" thru 2" Threadless RMC or Threadless IMC, remove Conduit Spacer from assembly. For 1" thru 2" EMT, Conduit Spacers are required for proper fit.



3. Close the Mighty-Bond™ Threadless Split Bushing and align it to easily access the set screw, grounding lug, and hinge screw. Be sure the two conduit set screws have been backed out sufficiently to allow the two halves to close fully on the conduit. Make sure the bushing is as far down on the conduit as possible.
4. Tighten the hinge screw first, followed by the conduit set screws. Tighten all set screws to UL torque requirements (35 in-lbs).
5. Insert the appropriate sized grounding or bonding conductor into the lug and tighten the set screw. UL Recommended lug screw torque should be applied (see table below). Lug attachment screw should also be tightened to 35 in-lb.



LUG CLAMPING SCREW	
CONDUCTOR SIZE, AL/CU AWG or kcmil	TIGHTENING TORQUE, lbf-in
14 - 10	35
8	40
6 - 4	45
2 - 250	50

